

FLORIDA

Science and Engineering Profile

	Florida	U.S.	Rank		Florida	U.S.	Rank
Doctoral scientists, 1993	11,809	430,332	13	Total R&D performance, 1993 (millions)	\$3,526	\$161,427	12
Doctoral engineers, 1993	2,339	81,293	12	Industry R&D, 1993 (millions)	\$2,425	\$117,622	12
S&E doctorates awarded, 1993	614	25,409	13	Academic R&D, 1993 (millions)	\$489	\$19,489	12
of which, in life sciences	21%	24%		of which, in life sciences	51%	55%	
in engineering	21%	22%		in physical sciences	14%	11%	
in psychology	17%	13%		in engineering	13%	16%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	599	34,394	19	expenditures, 1993 (millions)	\$4,690	\$163,994	10
S&E graduate students, 1993				Number of SBIR awards, 1990-93	299	13,995	13
in doctorate-granting institutions	16,789	438,128	9	Patents issued to state residents, 1994	1,887	56,039	10
Population, 1994 (000s)	13,953	260,341	4	Gross state product, 1992 (billions)	\$268.6	\$5,994.1	5
Civilian labor force, 1994 (000s)	6,824	131,013	4	of which, agriculture	2%	2%	
Personal income per capita, 1994	\$21,677	\$21,809	21	manufacturing, mining, construction	13%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures 1994 (millions)	\$71,092	\$1,284,896	4	wholesale and retail trade	18%	16%	
R&D obligations 1993 (millions)	\$2,775	\$65,394	6	finance, insurance, real estate	20%	18%	
				services	23%	20%	
				government	13%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Florida by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	2,775,255	607,692	0	1,902,844	250,540	4,041	10,138	6
Department of Agriculture	32,157	20,058	0	17	11,841	233	8	14
Department of Commerce	36,972	30,108	0	2,388	3,763	0	713	6
Department of Defense	2,043,790	325,181	0	1,675,857	40,013	186	2,553	6
Department of Energy	15,588	0	0	1,770	13,283	535	0	29
Dept. of Health & Human Services	122,423	0	0	3,787	114,768	2,685	1,183	21
Department of the Interior	12,208	11,036	0	52	1,120	0	0	17
Department of Transportation	8,929	653	0	1,163	1,447	0	5,666	17
Environmental Protection Agency	14,170	3,620	0	7,870	2,680	0	0	7
Nat'l Aeronautics & Space Admin.	443,234	217,036	0	209,098	16,884	216	0	7
National Science Foundation	45,784	0	0	842	44,741	186	15	13
State rank	6	6	na	4	12	34	7	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.